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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

SHINKAWA et al

Atty. Ref.: 249-201

Serial No. 09/970,154

Group: 1644

Filed: October 4, 2001

Examiner: SAUNDERS, David A.

For: METHOD FOR PURIFYING ANTIBODY

* * * * *

July 12, 2004

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

REQUEST

It is respectfully requested that the Examiner return an initialed copy of Form PTO-1449, filed with an Information Disclosure Statement on April 26, 2004, to the undersigned. A copy of the same was not received with the Office Action dated July 1, 2004. The present papers is not filed in response to the Office Action of July 1, 2004. A copy of the previously-filed Form PTO-1449 with a copy of the USPTO PAIR page which confirms receipt of the Information Disclosure Statement filed April 26, 2004 are attached for the Examiner's convenience.

The Examiner is requested to confirm the acceptance of the drawings filed June 10, 2002, or otherwise provide specific objections of the same. The Office Action of July 1, 2004, is incomplete in this respect.

SHINKAWA et al
Serial No. 09/970,154

Respectfully submitted,

NIXON & VANDERHYE P.C.

By: _____



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SHINKAWA et al
Serial No. 09/970,154



COPY

Sheet 1 of 1

**INFORMATION DISCLOSURE
CITATION**

ATTY. DOCKET NO.

SERIAL NO.

249-201

09/970,154

APPLICANT

SHINKAWA et al

(Use several sheets if necessary)

FILING DATE

GROUP

October 4, 2001

Unassigned

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|----------------------|-----------------|---------|-------------|-------|----------|-------------------------------|
| | 6,018,032 | 01/2000 | Koike et al | | | |
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FOREIGN PATENT DOCUMENTS

| | | DOCUMENT | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|--|--|-------------|---------|---------|-------|----------|-------------|----|
| | | | | | | | YES | NO |
| | | WO 99/10494 | 03/1999 | WIPO | | | | |
| | | WO 99/54342 | 10/1999 | WIPO | | | | |
| | | WO 98/58964 | 12/1998 | WIPO | | | | |
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OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

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| | Nose, M. et al., Inhibition of processing of asparagine-linked carbohydrate chains on IgG2a by using swainsonine has no influence upon antibody effector functions in vitro, Journal of Immunology, 1990, Vol. 145, No. 3, pp. 910-914 |
| | Dobre, M. A. et al., Isolation of a rabbit IgG fraction with cytophilic properties, Journal of Immunology Methods, 1983, Vol. 59, No. 3, pp. 339-348 |
| | Peng, Z. et al., Binding of dog immunoglobulins G.A.M, and E to concanavalin A, Veterinary Immunology Immunopathology, 1993, Vol. 36, No. 1, pp 83-88. |
| | Hiki, Y. et al., Underglycosylation of IgA1 hinge plays a certain role for its glomerular deposition in IgA nephropathy, J. Am. Soc. Nephrol. 1999, Vol. 10, No. 4, pp. 760-769 |
| | Kim, H. et al. O-glycosylation in hinge region of mouse immunoglobulin G2b, Journal of Biological Chemistry, 1994, Vol. 269, No. 16, pp 12345-12350 |

*Examiner

Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

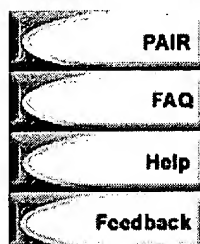
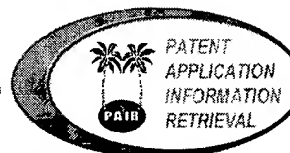
Form PTO-FB-A820 (Also PTO-1449)



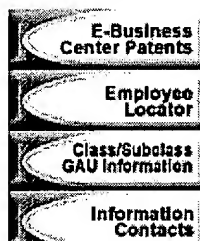
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PATENT APPLICATION INFORMATION RETRIEVAL



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| Search results for application number:09/970,154 | | | |
|--|--------------------------------|----------------------------|---------------------|
| Application Number: | 09/970,154 | Customer Number: | - |
| Filing or 371(c) Date: | 10-04-2001 | Status: | Non Final Ac Mailed |
| Application Type: | Utility | Status Date: | 07-01-2004 |
| Examiner Name: | SAUNDERS, DAVID A | Location: | ELECTRONI |
| Group Art Unit: | 1644 | Location Date: | - |
| Confirmation Number: | 9598 | Earliest Publication No: | US 2002-016 A1 |
| Attorney Docket Number: | 249-201 | Earliest Publication Date: | 11-07-2002 |
| Class/ Sub-Class: | 530/413 | Patent Number: | - |
| First Named Inventor: | Toyohide Shinkawa, Tokyo, (JP) | Issue Date of Patent: | - |
| Title Of Invention: | Process for purifying antibody | | |

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Published Documents

Search

| File History | |
|--------------|--|
| Date | Contents Description |
| 07-01-2004 | Mail Restriction Requirement |
| 04-26-2004 | Reference capture on IDS |
| 04-26-2004 | Information Disclosure Statement (IDS) Filed |
| 06-21-2004 | Requirement for Restriction / Election |
| 04-20-2004 | Case Docketed to Examiner in GAU |
| 06-10-2002 | Claims PTO |
| 04-20-2004 | IFW TSS Processing by Tech Center Complete |
| 07-19-2002 | Application Dispatched from OIPE |
| 07-09-2002 | Application Is Now Complete |
| 06-10-2002 | Payment of additional filing fee/Preexam |
| 06-10-2002 | A statement by one or more inventors satisfying the requirement under 37 CFR 1.15, Oath of the Applicant |
| 06-10-2002 | Translation of Claims into English |
| 06-10-2002 | Applicant has submitted new drawings to correct Corrected Papers |
| 06-10-2002 | Translation of Specification into English |
| 11-09-2001 | Notice Mailed--Application Incomplete--Filing Date Assigned |
| 11-08-2001 | Correspondence Address Change |
| 10-11-2001 | IFW Scan & PACR Auto Security Review |

10-04-2001

Initial Exam Team nn

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